

PTO/SB/08A (08-03)

Approved for use through 07/31/2006. OMB 0651-0031
U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 1449/PTO

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(Use as many sheets as necessary)

Sheet 1 of 2

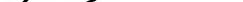
Complete if Known

Application Number	10/805,176
Filing Date	March 19, 2004
First Named Inventor	Reid H. Bowman et al.
Art Unit	1724
Examiner Name	Unknown
Attorney Docket Number	27566-6

U. S. PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code ² (if known)			
✓		US- 4,423,780	01/03/1984	Vigneri et al.	
		US- 4,456,069	06/26/1984	Vigneri	
		US- 5,286,141	02/15/1994	Vigneri	
		US- 5,362,400	11/08/1994	Martinell	
		US- 5,520,483	05/28/1996	Vigneri	
		US- 5,567,444	10/22/1996	Hei et al.	
		US- 5,741,427	04/21/1998	Watts et al.	
		US- 6,197,206 B1	03/06/2001	Wasinger	
		US- 6,312,605 B1	11/06/2001	Kerfoot	
		US- 6,391,184 B1	05/21/2002	Orolin et al.	
		US- 6,319,328 B1	11/20/2001	Greenberg et al.	
		US- 6,457,905 B1	10/01/2002	Nickell	
		US- 2002/0002983 A1	01/10/2002	Greenberg et al.	
✓		US- 2003/0029792 A1	02/13/2003	Kerfoot	
		US-			

FOREIGN PATENT DOCUMENTS

Examiner
Signature  Date
Considered 12/12/05

¹EXAMINER: Initial if reference considered whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. ²Applicant's unique citation designation number (optional). ³See Kind Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. ⁴Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁵For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁶Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. ⁷Applicant is to place a check mark here if English language Translation is attached.

This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

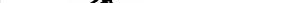
If you need assistance in completing the form, call 1-800-PTO-9199 (1-800-786-9199) and select option 2.

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 1449/PTO				Complete if Known	
INFORMATION DISCLOSURE STATEMENT BY APPLICANT				Application Number	10/805,176
				Filing Date	March 19, 2004
				First Named Inventor	Reid H. Bowman et al
				Art Unit	1724
				Examiner Name	Unknown
Sheet	2	of	2	Attorney Docket Number	27566-6

NON PATENT LITERATURE DOCUMENTS

Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
<i>K</i>		Niven, Robert K. et al., "In Situ Multiphase Fluidization ("upflow washing") for the remediation of hydrocarbon contaminated sands", Can. Geotech. J. 35: 938-960, 1998	

Examiner Signature		Date Considered	12/12/05
-----------------------	-------------------------------------------------------------------------------------	--------------------	----------

***EXAMINER:** Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

1 Applicant's unique citation designation number (optional). 2 Applicant is to place a check mark here if English language Translation is attached. This collection of information is required by 37 CFR 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 (1-800-786-9199) and select option 2.